

FIGURE 1A

CTCGGTGGCC GTCCGCCAC TCCGCGGCGT TCGGGGAAAT GGCTGCGAGA CCCTAGAGGC
 CTGCGGAGCT TACTCCACGG GAACAGCCTC TAGATAATCT GAGTTGTTGA AAATACGAAG
 CCTGTTACTC GTGAACAGTG GCTGACAACA GTGTTGTTGT GAGCCTGGCT GTCTGCTTGG
 ACCCAGAGGT TTCGTCTGCC AGGGTTTTTG GTTGTATTTA GGATTTTCAGG GAAAAGTGTC
 CAAGCTTTCA GTGTTGGAGC AGGTATGGAC GACAAAGGCG ACCCGAGCAA TGAGGAGGCA
 CCTAAGGCCA TCAAACCCAC CAGCAAAGAG TTCAGGAAAA CATGGGGTTT TCGAAGGACC
 ACTATCGCCA AGCGAGAGGG CGCAGGGGAC GCGGAGGCTG ACCCACTGGA GCCGCCACCC
 CCACAGCAGC AGCTGGGCCT GTCCCTGCGG CGCAGTGGGA GGCAGCCCAA GCGCACTGAG
 CGCGTGAGC AGTTCCTGAC CATTGCGCGG CGCCGCGGCA GGAGGAGCAT GCCTGTCTCC
 CTGGAGGATT CTGGTGAGCC CACGTCTGTC CCCGCCACAG ACGCCGAGAC AGCCTCCGAG
 GGCAGCGTGG AAAGCGCTTC TGAGACCAGA AGCGGCCCCC AGTCTGCTTC CACAGCTGTG
 AAGGAACGAC CAGCCTCTTC TGAAAAGGTG AAAGGAGGGG ATGACCACGA TGACACCTCC
 GATAGTGACA GCGATGGCCT GACCTTGAAA GAGCTTCAGA ATCGCCTTCG CAGGAAGCGG
 GAACAGGAGC CCACTGAGAG GCCCCTGAAA GGGATCCAGA GTCGCCTGCG GAAGAAGCGC
 CGGGAGGAGG GTCCCGCCGA GACTGTGGGC TCCGAGGCCA GTGACACTGT GGAGGGCGTC
 CTGCCCAGTA AGCAGGAGCC CGAGAACGAT CAGGGGGTTG TGTCCAGGC TGGGAAAGAT
 GACAGAGAGA GTAAGTTGGA GGGAAAGGCG GCTCAGGACA TCAAAGATGA GGAGCCTGGA
 GACTTGGGCC GACCGAAGCC TGAATGTGAG GGTTACGACC CCAACGCCCT GTATTGCATT
 TGCCGCCAGC CTCACAACAA CAGGTTTATG ATTTGCTGTG ACCGCTGTGA AGAATGGTTT
 CATGGCGATT GTGTGGGCAT TTCTGAGGCT CGAGGGAGGC TTTTGAAAG GAATGGGGAA
 GACTATATCT GCCCAAAGT CACCATTCTG CAAGTGCAGG ATGAGACTCA TTCAGAAACG
 GCAGATCAGC AGGAAGCTAA ATGGAGACCT GGAGATGCTG ATGGCACCGA TTGTACAAGT
 ATAGGAACAA TAGAGCAGAA GTCTAGCGAA GACCAAGGGA TAAAGGGTAG AATTGAGAAA
 GCTGCAAATC CAAGTGGCAA GAAGAACTC AAGATCTTCC AGCCTGTGAT AGAGGCGCCT
 GGTGCCTCAA AATGTATTGG CCCCGGGTGC TGTCACGTGG CGCAGCCCGA CTCGGTGTAC
 TGCAGTAATG ACTGTATCCT CAAACACGCC GCAGCGACAA TGAAGTTTCT AAGCTCAGGT
 AAAGAACAGA AGCCAAAGCC TAAAGAAAAG ATGAAGATGA AGCCAGAGAA GCCCAGTCTT
 CCGAAATGCG GTGCTCAGGC AGGTATTAAA ATCTCTTCTG TGCACAAGAG ACCAGTCCA
 GAAAAAAAAG AGACCACAGT GAAGAAGGCA GTGGTGGTCC CTGCGCGGAG TGAAGCACTC
 GGGAAAGGAAG CAGCTTGTGA GAGCAGCACG CCGTCGTGGG CGAGCGATCA CAATTACAAT
 GCAGTAAAGC CAGAAAAGAC TGCTGCTCCC TCGCCGTCAC TGTTGTATAA ATGTATGTAT
 CACCTAGGGG TTGGCCTCCT GGACCCCTCC CGTCTTTTCT GGATAGCCAT CCCCTGGGCC
 TGTCCAGGAC TGGGAGTTGC AGCTTTGTGT TAAGCTGATC ACAGACACCG GCTGCACCAT
 CAGCGGGAAG CAGAGCCCAT GTCCAGGATG CCTCCTGCTG CCCTGTGTCC ATCCCTAGTC
 TGTCAGGACT TCCTGTCACT GTTTTCCAAA GCTGTAAACC TCACTGGTGA ACGTTCACCT
 TAATGATTGA TTCTTTAATC TCTGTTTTC TCTCAGGCT CTGGTAAGTA TTTGTATTCT
 CTTCATCCCA GTCTGATTGC ATAGCCACAC TGCCCGGCAC GCCACATCCA CCCCTGTCTG
 CACATGAGTT GTTCTGACAA CAGCGCTGTA TACGCTTCAG TTTTTCACCA TTGTCCACGG
 CCAGCACATG AAAGCATCAC TTCTTTTTTA TGTTGTGGGA ATCTTTGCAA GTTAGTGTG
 CATCTGATT TCAAGGTGTAC ATTTATTTT GACTGGGCAG ATAGGGGATT TTTTTTTTTT
 TCCATGTCCG ATTCACACGC TACACACCCA CATGAACACA TTCGAACCTC GAAGGCACAC
 ACTCCTGCTT CATAGGCCCC ACGGTAAGTG AGTTCACACC TAGAACACTG TCCTGACCGC
 AGGACGCGTG CTTTGACTT GGTATTCTAC ATGTGACTGG CTTTCTTGCC CTCGTCTCTT
 GAATGTTTAG ACTCTTAAGA TCATATCCTG

2/10

FIGURE 1B

tccgtggtag ctctggaaat ggcgtgcggga tcccggcggc cggggagctt gtttaagagg
 cagtccccac tgtccctttg gttgttcgaa gctccggaat cttctcattg atgaactgtg
 actgacaaca gtgggggtgag gcttggccgt ctgcttgacc tggccccagg tctataattt
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 gatgtggaga cagcttccga ggggagcgtt gaaagcagtt ctgagatcag aagtggccct
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 ctgggtggct gcctggggt gtctaggacc agagtcttg gtgttctgg gtgtatagta
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 ggggtgtgaa tcagagtgtt ggaccagcag tctaccagct gagctgcagt tctagccatg
 gtaactgaaa ctgctgatct tcttgccttt gtttcctttg tgctggg

3/10

FIGURE 1C

MDDKGDPSNEEAPKAIKPTSKEFRKTWGFRRRTTIAKREGAGDAEADPLEPPPPQQQLGLSLR
RSGRQPKRTERVEQFLTIIARRRGRRSMPVSLEDSGEPTSCPATDAETASEGSVESASETRSG
PQSASTAVKERPASSEKVKGGDDHDDTSDSDSDGLTLKEI ONRLRRKKEQEPTERPLKGI
RLRKKRREEGPAETVGSEASDTVEGVLPKQEPENDQGVVSQAGKDDRESKLEGKAAQDIKD
EEPGLGRPKPECEGYDPNALYCICROPHNNRFMICCDRCEEWFHGDCVGISEARGRLLEARN
GEDYICPNCTILQVQDETHSETADQQEAKWRPGDADGTDCTSIGTIEQKSSEDQGIKGRIEK
AANPSGKKKLKIFQPVIEAPGASKCIGPGCCHVAQPDSVYCSNDCILKHAAATMKFLSSGKE
QKPKPKKMKMKPEKPSLPKCGAQAGIKISSVHKRPAPEKKETTVKKAVVVPARSEALGKEA
ACESSTPSWASDHNYNAVKPEKTAAPSPSLLYKCMYHLGVGLLDPSRSFWIAIPWACPGLGV
AALC

4/10

FIGURE 1D

MDDKGHLSNEEAPKAIKPTSKEFRKTWGFRRTTIAKREGAGDTEADPSEQQPQQHNLSLRRS
GRQPKRTERVEEFLLTTVRRRGKKNVPVSLEDSSEPTSSTVTDVETASEGSVESSEIRSGP̄V
SDSLGKEHPASSEKAKGEEEEEDTSDSDSDGLTLKEIONRLRRKREQEPVERSLRGSONRLR
KKRREEDSAETGSVQIGSAEQDRPLCKQEPEASQGPVSQSETDDIENQLEGKATQGNTENP
REAGKPKPECEVYDPNALYCICROPHNNRFMICCDRCEWFHGDCVGISEARGRLLERNGED
YICPNCTILQVQDETNGSATNEQDSGCRSVGADGTDCTSIGTVEQKSGEDQGIKGRIEKAAN
PSGKKKLKIFQPVVEAPGAPKCIGPGCSSVAQPDSVYCSNDCILKHAAATMRFLSSGKEQKT
KPKEKVTKPEKFSLPKCSVQVGIKISSVHKRLASEKRENPVKKVMLASRSETSGKEAACES
STPSWASDHNYNAVKPEKPEKPTALSPTLLSKCTYHPKAGFPGPSHHLGGCLGLSRTRVLGV
LVLIVASSSLPARSRYQDASGPQVFLPSLWSLSGWFLKSCVGLMLEAISYFSFRPW

FIGURE 1E

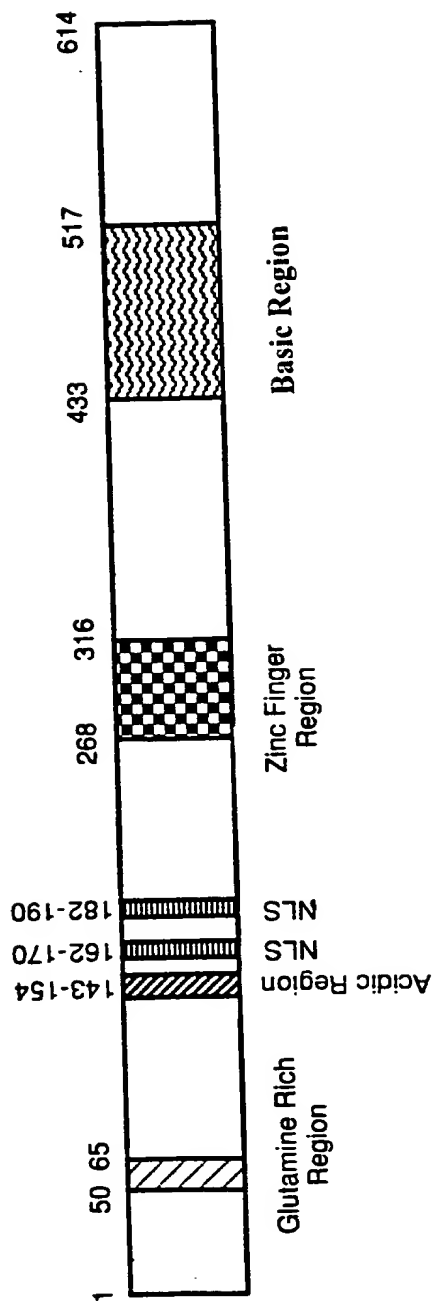
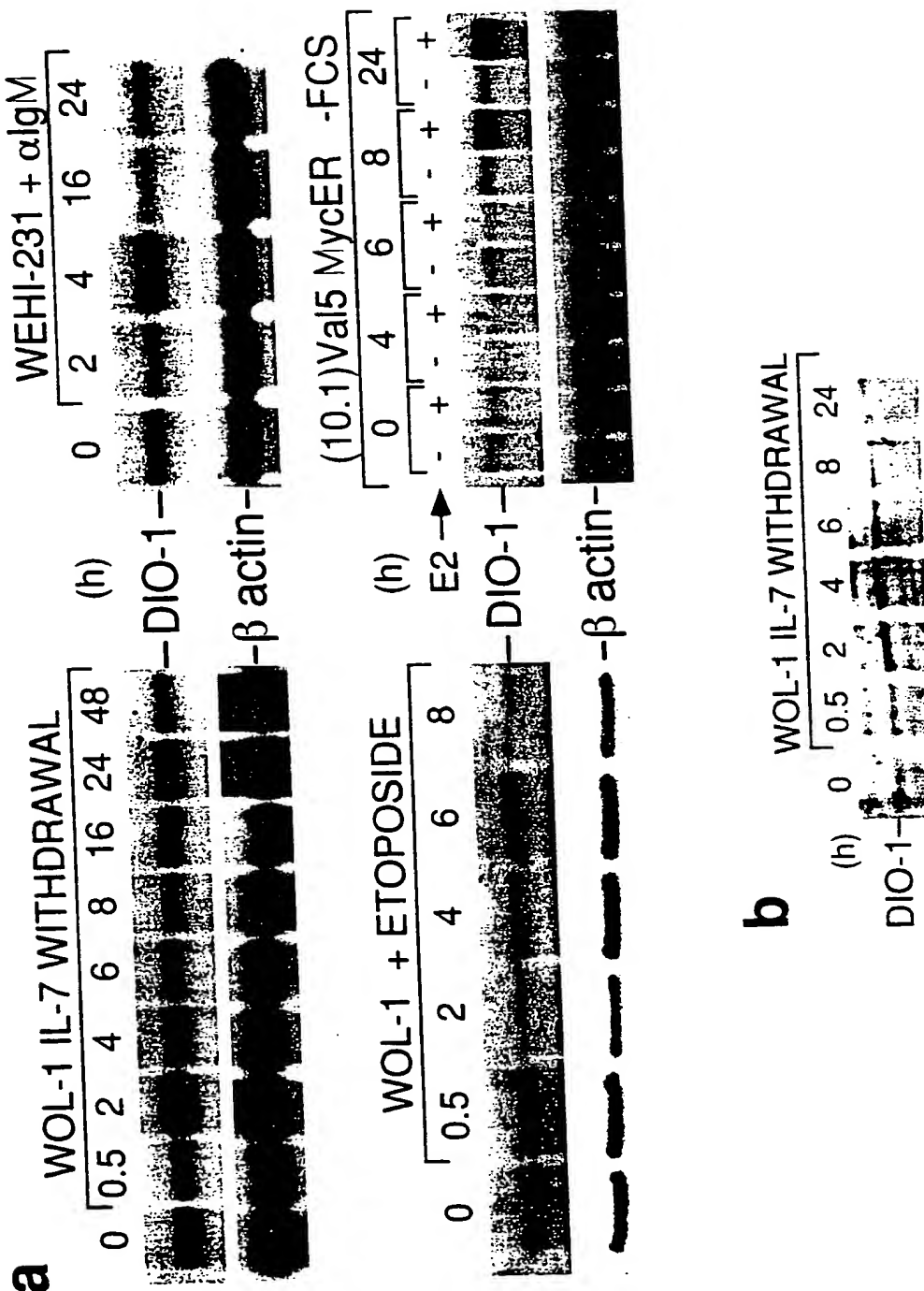


FIGURE 2



7/10

FIGURE 2 CONTINUED

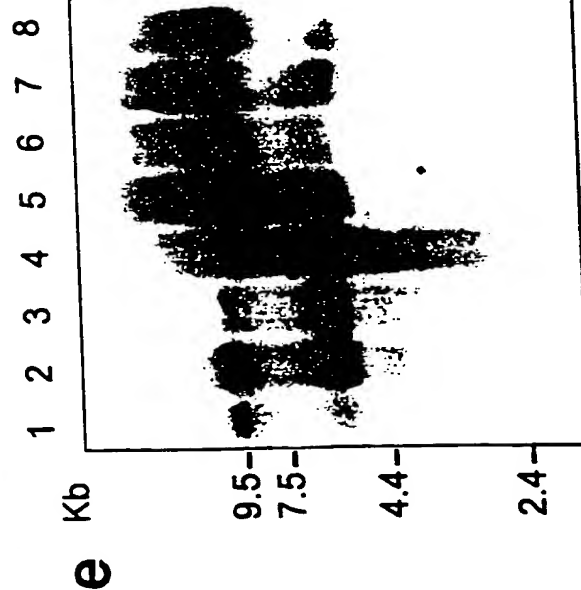
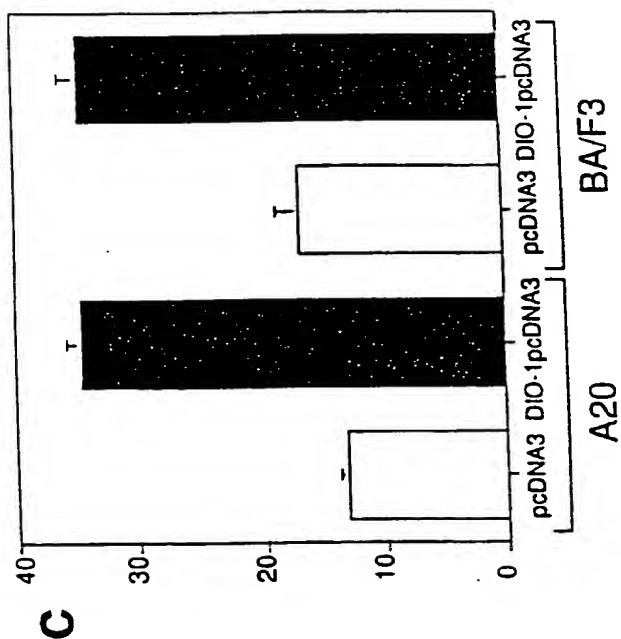
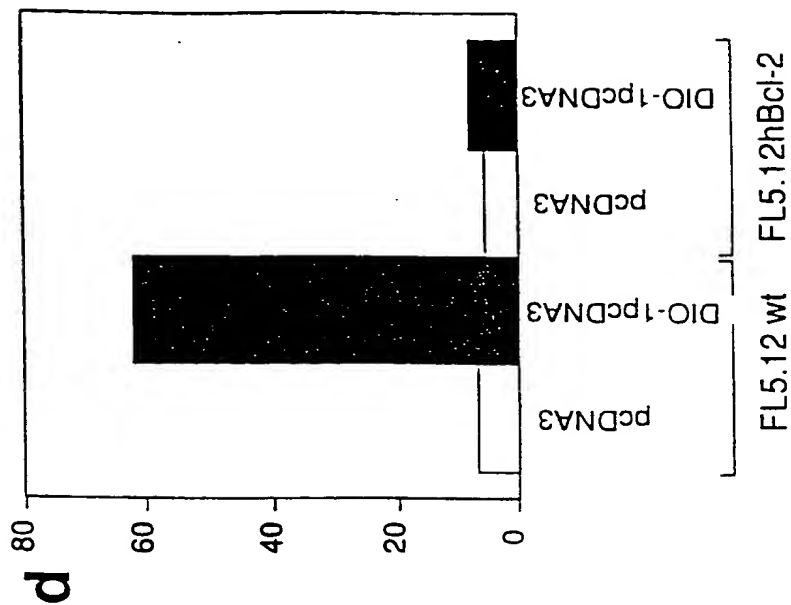
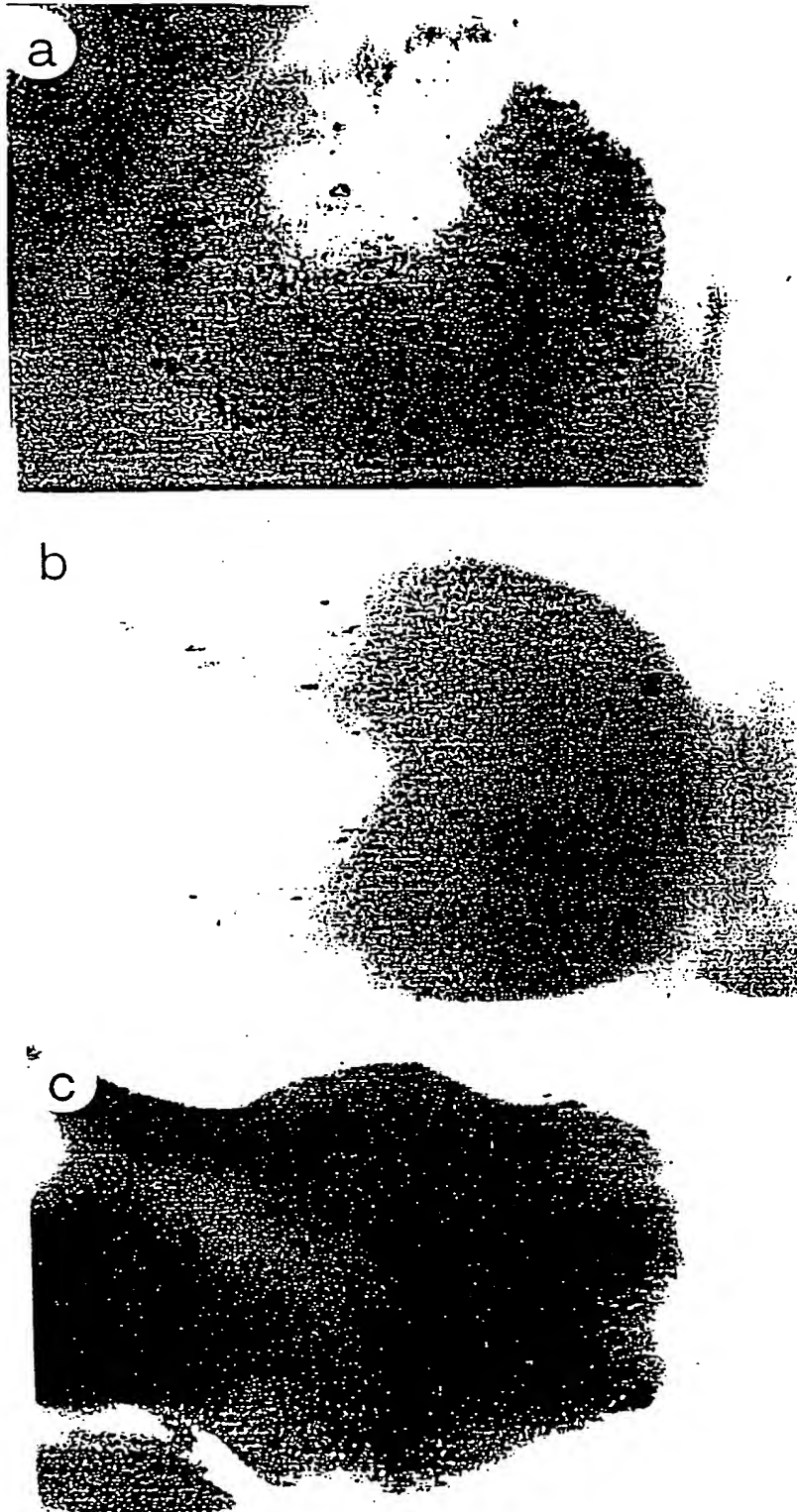
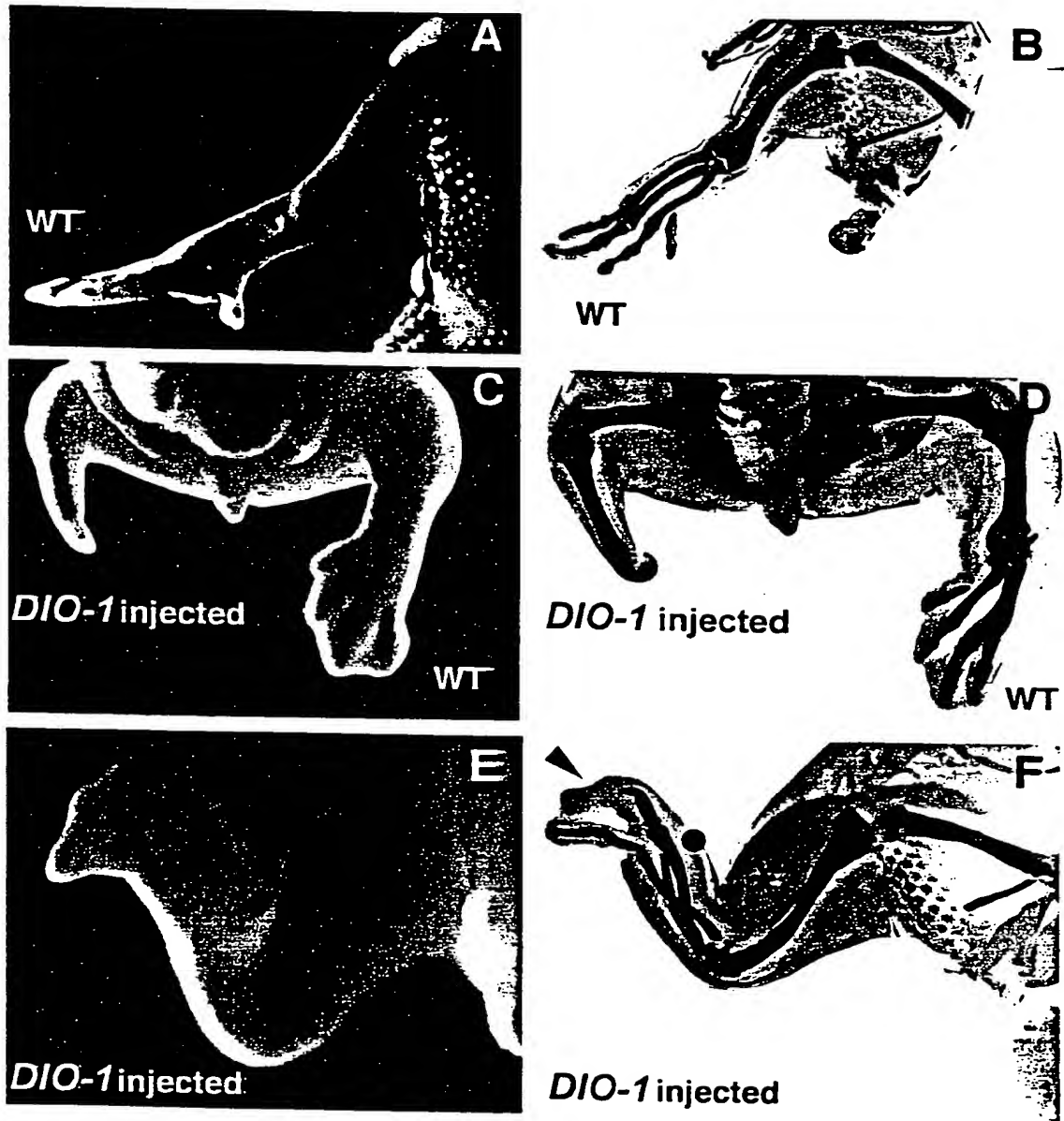


FIGURE 3



9/10

FIGURE 4



10/10

FIGURE 5

